

N^o 7512



A.D. 1895

Date of Application, 13th Apr., 1895

Complete Specification Left, 11th Jan., 1896—Accepted, 15th Feb., 1896

PROVISIONAL SPECIFICATION.

Improved Inhaling Tube or Mouthpiece for Medicinal or other Purposes.

I, RICHARD BRADSHAW, of Bridge Road, Edge Hill, Liverpool, in the County of Lancaster, Mechanical Engineer, do hereby declare the nature of this invention to be as follows :—

5 This invention is designed to provide an inhaling tube or mouthpiece in which eucalyptus oil or other medicament may be placed and over which air may be drawn for the purpose of inhalation.

10 It consists essentially in constructing the tube or mouthpiece with a chamber or cell placed at one side of it and opening into the tube and at the opposite side is formed an air hole the mouth of the tube being filled with cotton fibre cammomile flower or other absorbent material saturated with eucalyptus oil or other suitable substance.

15 In carrying out the invention I construct the tube or mouthpiece of glass clay wood or other suitable material. On the underside I form a cell or chamber preferably in the form of a bulb and on the upper side above this cell I form a perforation or aperture to admit air.

20 The mouth of the tube I fill with cotton fibre cammomile flower or other absorbent material and I saturate this material and fill the cell with eucalyptus oil or other substance the vapour or fumes of which are to be inhaled. In addition to this a medicated or other cigarette may be placed in the tube.

25 The air passing into the tube through the perforation formed in it impinges upon the oil or other substance in the cell and agitates or churns it up so that the air gets impregnated therewith before being inhaled. This has been found a very effective means both for preventing the spread of and for curing influenza.

Dated this 10th day of April 1895.

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WM. P. THOMPSON & Co.,
6, Bank Street, Manchester, Patent Agents.

COMPLETE SPECIFICATION.

Improved Inhaling Tube or Mouthpiece for Medicinal or other Purposes.

30 I, RICHARD BRADSHAW, of Ash Grove, Wavertree, Liverpool, in the County of Lancaster, late of Bridge Road, Edge Hill, Liverpool, aforesaid, Mechanical Engineer, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement :—

35 This invention is designed to provide an inhaling tube or mouthpiece in which eucalyptus oil or other medicament may be placed and over which air may be drawn for the purpose of inhalation.

It consists essentially in constructing the tube or mouthpiece with a chamber or cell placed at one side of it and opening into the tube and at the opposite side is formed

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an air hole the mouth of the tube being filled with cotton fibre cammomile flower or other absorbent material saturated with eucalyptus oil or other suitable substance.

It will be fully described with reference to the accompanying drawings in which as examples several forms of the invention are shown in section.

The tube or mouthpiece A is made of glass clay wood or other suitable material. On the underside thereof I form a cell or chamber B preferably in the form of a bulb and on the upperside above the cell B I form a perforation or aperture C to admit air or discharge spray or vapour. 5

The cell B forms a receptacle for eucalyptus oil or other medicament and the end or mouth forms a receptacle for an absorbent material saturated therewith. 10

In Fig. 1. the appliance is shown with a straight mouth *a* with a cell B below and a small aperture above.

In Fig. 2. it is shown formed with a globular shaped mouth *a*.

In Figs. 3 and 4 the mouth of the tube is of similar shape to that shown in Figs. 1 and 2 but the air passage or aperture C is carried down a tube *c* into the interior of the cell B to bring the air passing in into more intimate contact with the liquid therein and to admit of it being forced out in a spray in a vertical direction to allow of it being inhaled through the nose. 15

In Fig. 5 a tube *c* extends upwards from the tube A without extending downwards into the cell B. 20

The mouth *a* of the tube A I fill with cotton fibre cammomile flower or other absorbent material and I saturate this material and fill the cell B with eucalyptus oil or other substance the vapour or fumes of which are to be inhaled. In addition to this a medicated or other cigarette may be placed in the tube.

The air passing into the tube A through the perforation C formed in it impinges upon the oil or other substance in the cell and agitates or churns it up so that the air gets impregnated therewith before being inhaled. Or if air is forced or blown into the small end *a*¹ of the tube A the oil or liquid may be forced in the form of a spray out of the tube *c* (see Figs. 3 and 4) to be inhaled through the nose. This has been found a very effective means both for preventing the spread of and for curing influenza. 25 30

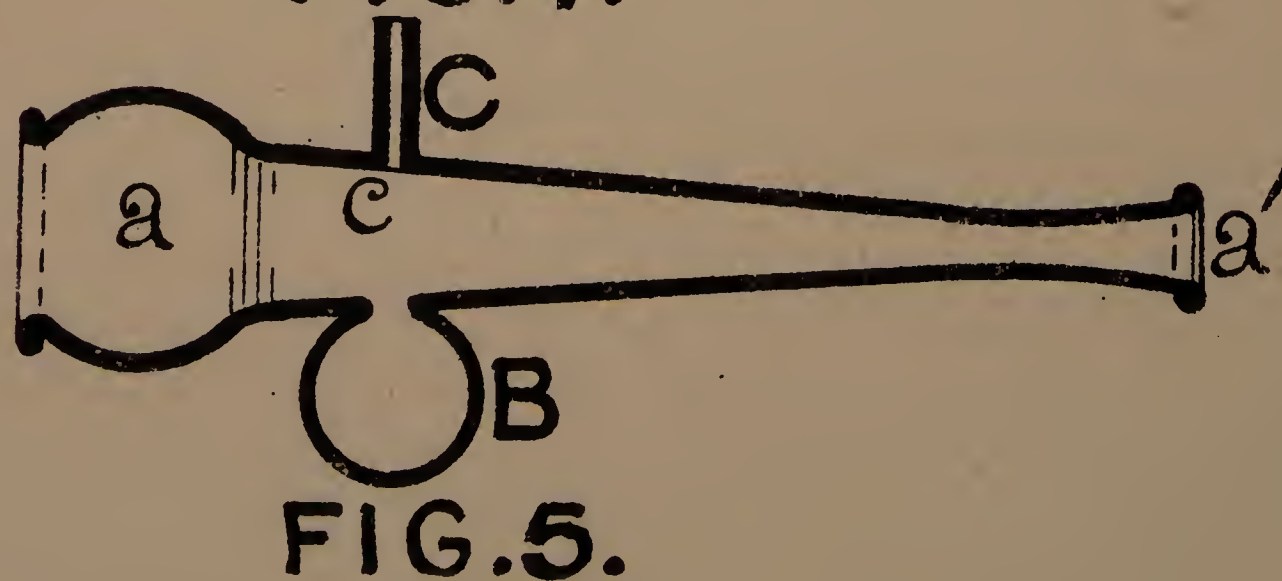
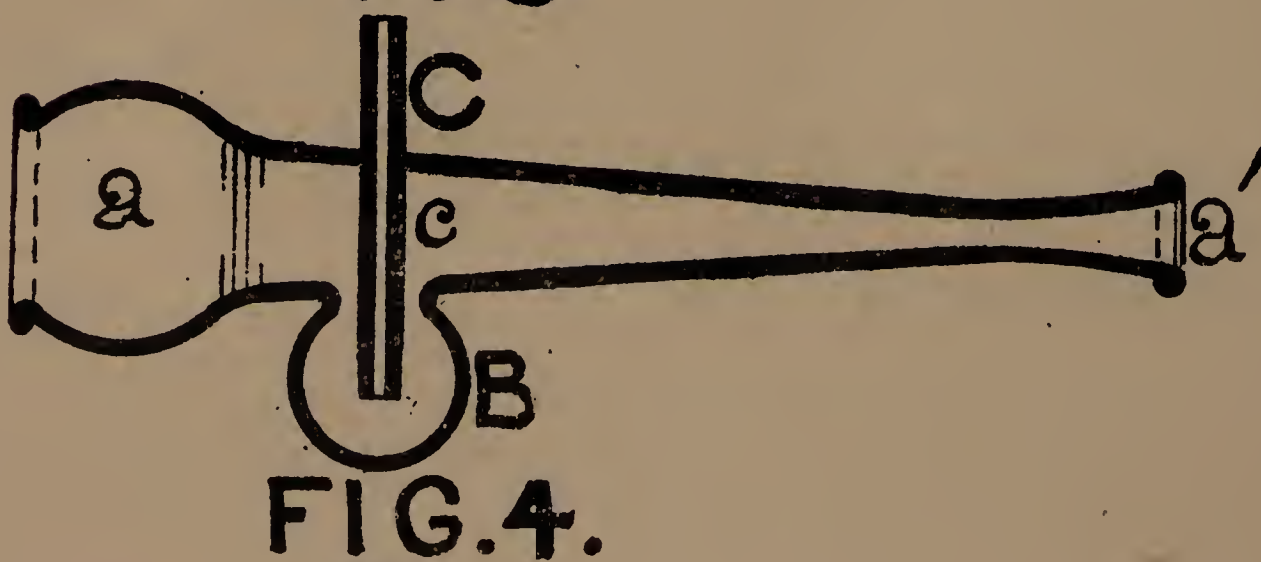
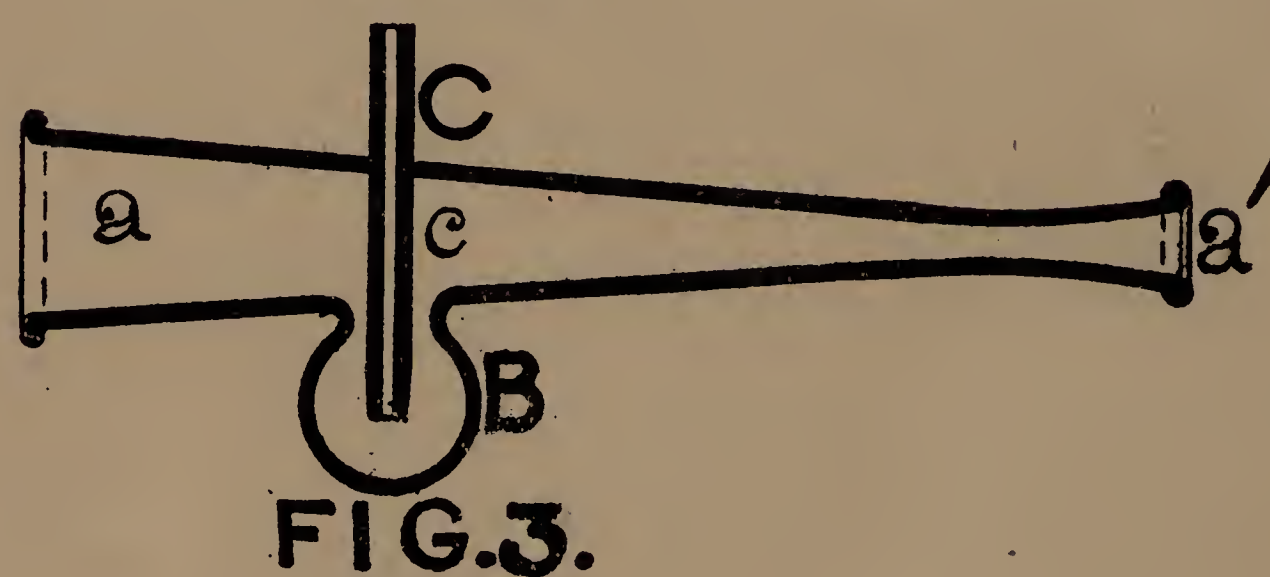
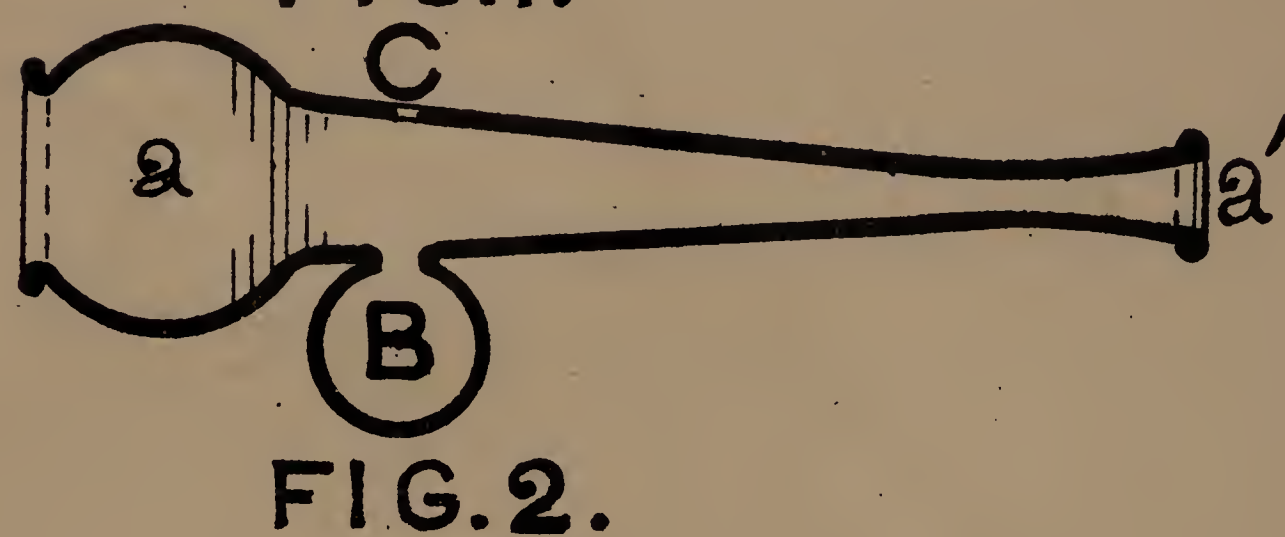
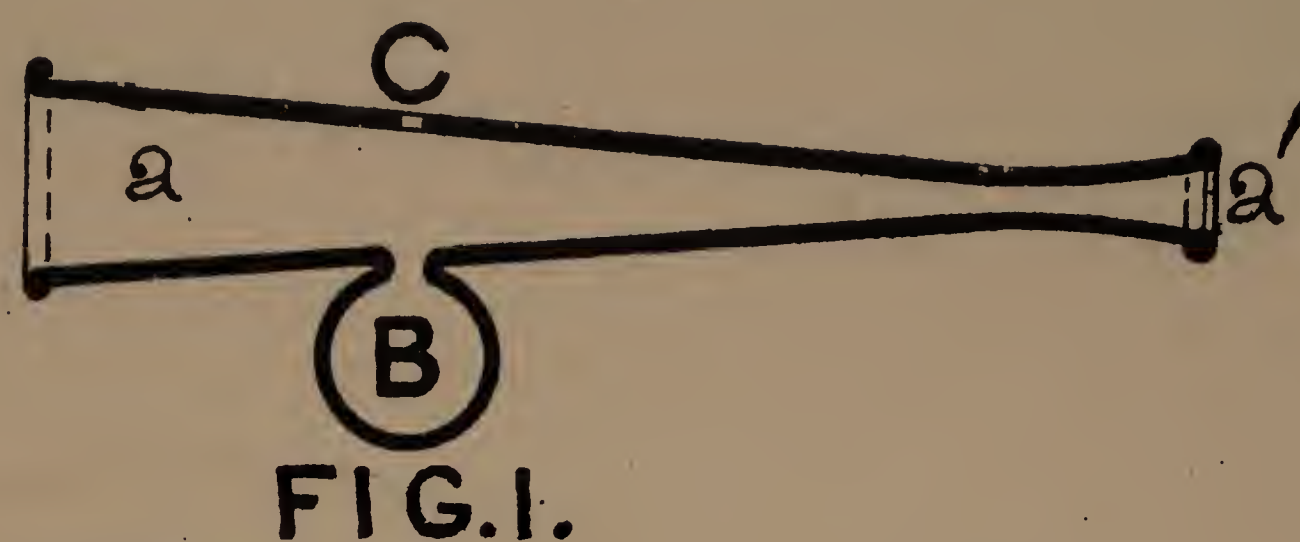
Having now particularly described and ascertained the nature of the said invention, and in what manner the same is to be performed, I declare that what I claim is ;—

An inhaling tube or mouthpiece comprising a tube A a cell B for holding the oil or liquid and an aperture C with or without the upright tube *c* substantially as described and shown. 35

Dated this 8th day of January 1896.

WM. P. THOMPSON & Co.,
Manchester, Liverpool, and London, Patent Agents. 40





[This Drawing is a full-size reproduction of the Original.]

